Addition Progression Document

EYFS	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6
Uses the language 'more to compare two sets of objects.	Add a 2 digit number and a one digit number up to 20.	Solves problems with addition using concrete objects and pictorial representations, including those involving numbers, quantities and measures.	Adds numbers mentally, including a three-digit number and ones.	Adds numbers with up to 4 digits using the formal written methods of columnar addition and subtraction where appropriate.	Adds whole numbers with more than 4 digits, including using formal written methods.	Can use formal methods to solve multi-step problems.
In practical activities and discussion, beginning to use the vocabulary involved in adding.	Write addition statements using the symbols + and -	Solves problems with addition applying their increasing knowledge of mental and written methods.	Add numbers mentally, including a three-digit number and tens.	Estimates and uses inverse operations to check answers to a calculation.	Solves addition multi-step problems in contexts, deciding which operations and methods to use and why.	
	Represents and uses number bonds within 20	Can add any 2 two-digit numbers using an efficient strategy, explaining their method verbally, in pictures or using apparatus.	Adds numbers mentally, including a three-digit number and hundreds.	Solves addition two-step problems in contexts, deciding which operations and methods to use and why.		
ELG They solve problems, including doubling, halving and sharing.	Solve one step problems involving addition using concrete and pictorial representations and missing numbers.	Adds numbers using concrete objects, pictorial representations, and mentally, including adding 3 single-digit numbers.	Adds numbers with up to three digits, using formal written methods of columnar addition and subtraction			
ELG Using quantities and objects, they add two single-digit numbers and count on to find the answer.		Shows that addition of two numbers can be done in any order.	Estimates the answer to a calculation and uses inverse operations to check answers.			
ELG Say which number is one more than a given number. They recognise, create and describe patterns.		Can recall all number bonds to and within 10 and use these to reason with and calculate bonds to and within 20, recognising other associated additive relationships (eg. If 7 + 3 = 10, then 17 + 3 = 20; if 7 3 = 4, then 17 3 = 14; leading to if 14 + 3 = 17, then 3 + 14 = 17, 17 14 = 3 and 17 -3 = 14)	Solves problems, including missing number problems, using number facts, place value, and more complex addition.			